SiSU
Configuration

Ralph Amissah

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For alternative output formats of this document check:

<http://www.jus.uio.no/sisu/sisu_configuration/sisu_manifest.html>

Contents

SiSU - Configuration, Ralph Amissah

Configuration of Environment

1. Configuration

1.1 Determining the Current Configuration

Information on the current configuration of **SiSU** should be available with the help command:

    sisu -v

which is an alias for:

    sisu –help env

Either of these should be executed from within a directory that contains sisu markup source documents.

1.2 Configuration files (config.yml)

SiSU configration parameters are adjusted in the configuration file, which can be used to override the defaults set. This includes such things as which directory interim processing should be done in and where the generated output should be placed.

The **SiSU** configuration file is a yaml file, which means indentation is significant.

SiSU resource configuration is determined by looking at the following files if they exist:

    ./_sisu/sisurc.yml

    ˜/.sisu/sisurc.yml

    /etc/sisu/sisurc.yml

The search is in the order listed, and the first one found is used.

In the absence of instructions in any of these it falls back to the internal

program defaults.

19 Configuration determines the output and processing directories and the database access details.

20 If **SiSU** is installed a sample sisurc.yml may be found in /etc/sisu/sisurc.yml

21 ## CONFIGURATION OF DOCUMENTS

2. Skins

22

23 Skins modify the default appearance of document output on a document, directory, or site wide basis. Skins are looked for in the following locations:

./_sisu/skin

24

˜ /.sisu/skin

25

/etc/sisu/skin

26

27 **Within the skin directory** are the following the default sub-directories for document skins:

./skin/doc

28

./skin/dir

29

./skin/site

30

31 A skin is placed in the appropriate directory and the file named skin_[name].rb

32 The skin itself is a ruby file which modifies the default appearances set in the program.

2.1 Document Skin

33

34 Documents take on a document skin, if the header of the document specifies a skin to be used.

35 @skin: skin_united_nations

2.2 Directory Skin

36

37 A directory may be mapped on to a particular skin, so all documents within that directory take on a particular appearance. If a skin exists in

the skin/dir with the same name as the document directory, it will automatically be used for each of the documents in that directory, (except where a document specifies the use of another skin, in the skin/doc directory).

38 A personal habit is to place all skins within the doc directory, and symbolic links as needed from the site, or dir directories as required.

39 **2.3 Site Skin**

40 A site skin, modifies the program default skin.

41 **2.4 Sample Skins**

42 With **SiSU** installed sample skins may be found in:

43 /etc/sisu/skin/doc and /usr/share/doc/sisu/sisu_markup_samples/dfsg/_sisu/skin/doc

44 (or equivalent directory) and if sisu-markup-samples is installed also under:

45 /usr/share/doc/sisu/sisu_markup_samples/non-free/_sisu/skin/doc

46 Samples of list.yml and promo.yml (which are used to create the right column list) may be found in:

47 /usr/share/doc/sisu/sisu_markup_samples/dfsg/_sisu/skin/yml (or equivalent directory)

3. Homepages

48

49 **SiSU** is about the ability to auto-generate documents. Home pages are regarded as custom built items, and are not created by **SiSU** . More accurately, **SiSU** has a default home page, which will not be appropriate for use with other sites, and the means to provide your own home page instead in one of two ways as part of a site's configuration, these being:

50 1. through placing your home page and other custom built documents in the subdirectory _sisu/home/ (this probably being the easier and more convenient option)

51 2. through providing what you want as the home page in a skin,

52 Document sets are contained in directories, usually organised by site or subject. Each directory can/should have its own homepage. See the section on directory structure and organisation of content.

3.1 Home page and other custom built pages in a sub-directory

53

54 Custom built pages, including the home page index.html may be placed within the configuration directory _sisu/home/ in any of the locations that is searched for the configuration directory, namely ./_sisu; ˜/_sisu; /etc/sisu From there they are copied to the root of the output directory with the command:

55 sisu -CC

3.2 Home page within a skin

56

57 Skins are described in a separate section, but basically are a file written in the programming language **Ruby** that may be provided to change the defaults that are provided with sisu with respect to individual documents, a directories contents or for a site.

58 If you wish to provide a homepage within a skin the skin should be in the

directory ⎽sisu/skin/dir and have the name of the directory for which it is to become the home page. Documents in the directory commercial⎽law would have the homepage modified in skin⎽commercial law.rb; or the directory poems in skin⎽poems.rb

```
class Home
  def homepage
    # place the html content of your homepage here, this will become index.html
    <<HOME <html>
<head></head>
<doc>
<p>this is my new homepage.</p>
</doc>
</html>
HOME
  end
end
```

www.jus.uio.no/sisu/

DOCUMENT INFORMATION (METADATA)

Metadata

Document Manifest @

<http://www.jus.uio.no/sisu/sisu_manual/sisu_configuration/sisu_manifest.html>

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DC tags included with this document are provided here.

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Skin_Digest: MD5(/home/ralph/grotto/theatre/dbld/builds/sisu/sisu/data/doc/sisu/sisu_markup_samples/sisu_manual/_sisu/skin/doc/skin_sisu_manual.rb)= 20fc43cf3eb6590bc3399a1aef65c5a9

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W3 since October 3 1993 **SiSU** SiSU 1997, current 2007.

SiSU presentations at **www.jus.uio.no/sisu/**

SiSU **pdf** versions can be found at:

http://www.jus.uio.no/sisu/sisu_configuration/portrait.pdf

http://www.jus.uio.no/sisu/sisu_configuration/landscape.pdf

SiSU **html** versions may be found at:

http://www.jus.uio.no/sisu/sisu_configuration/toc.html or

http://www.jus.uio.no/sisu/sisu_configuration/doc.html

SiSU Manifest of document output and metadata may be found at:

http://www.jus.uio.no/sisu/sisu_configuration/sisu_manifest.html

SiSU found at: **www.jus.uio.no/sisu/**

Links that may be of interest at SiSU and elsewhere:

SiSU Manual

http://www.jus.uio.no/sisu/sisu_manual/

Book Samples and Markup Examples

http://www.jus.uio.no/sisu/SiSU/2.html

SiSU @ Wikipedia

http://en.wikipedia.org/wiki/SiSU

SiSU @ Freshmeat

http://freshmeat.net/projects/sisu/

SiSU @ Ruby Application Archive

http://raa.ruby-lang.org/project/sisu/

SiSU @ Debian

http://packages.qa.debian.org/s/sisu.html

SiSU Download

http://www.jus.uio.no/sisu/SiSU/download.html

SiSU Changelog

http://www.jus.uio.no/sisu/SiSU/changelog.html

SiSU help

http://www.jus.uio.no/sisu/sisu_manual/sisu_help/

SiSU help sources

http://www.jus.uio.no/sisu/sisu_manual/sisu_help_sources/

SiSU home:
www.jus.uio.no/sisu/